

ABSTRACT OF THE DISCLOSURE

A molding die has a shell having a penetration hole, a lower pattern installed in the lower opening of the shell, and an upper pattern slidably disposed from the upper opening of the shell. The shell includes an outer shell and an inner shell disposed inside of the outer shell. The inner shell includes plural split shells. The inner shell can be separated from the outer shell. The inner shell, lower pattern, and upper pattern form a cavity. As a result, if the molded product sticks to the inner circumference of the shell, the molded product can be easily taken out of the molding die by disassembling the shell. Further, a molded product having an excellent dimensional precision can be manufactured.